

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032923\
 Data File : VV030330.D
 Acq On : 29 Mar 2023 16:31
 Operator : SY/MD
 Sample : 02099-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AB1

Quant Time: Mar 30 02:12:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 30 01:55:26 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

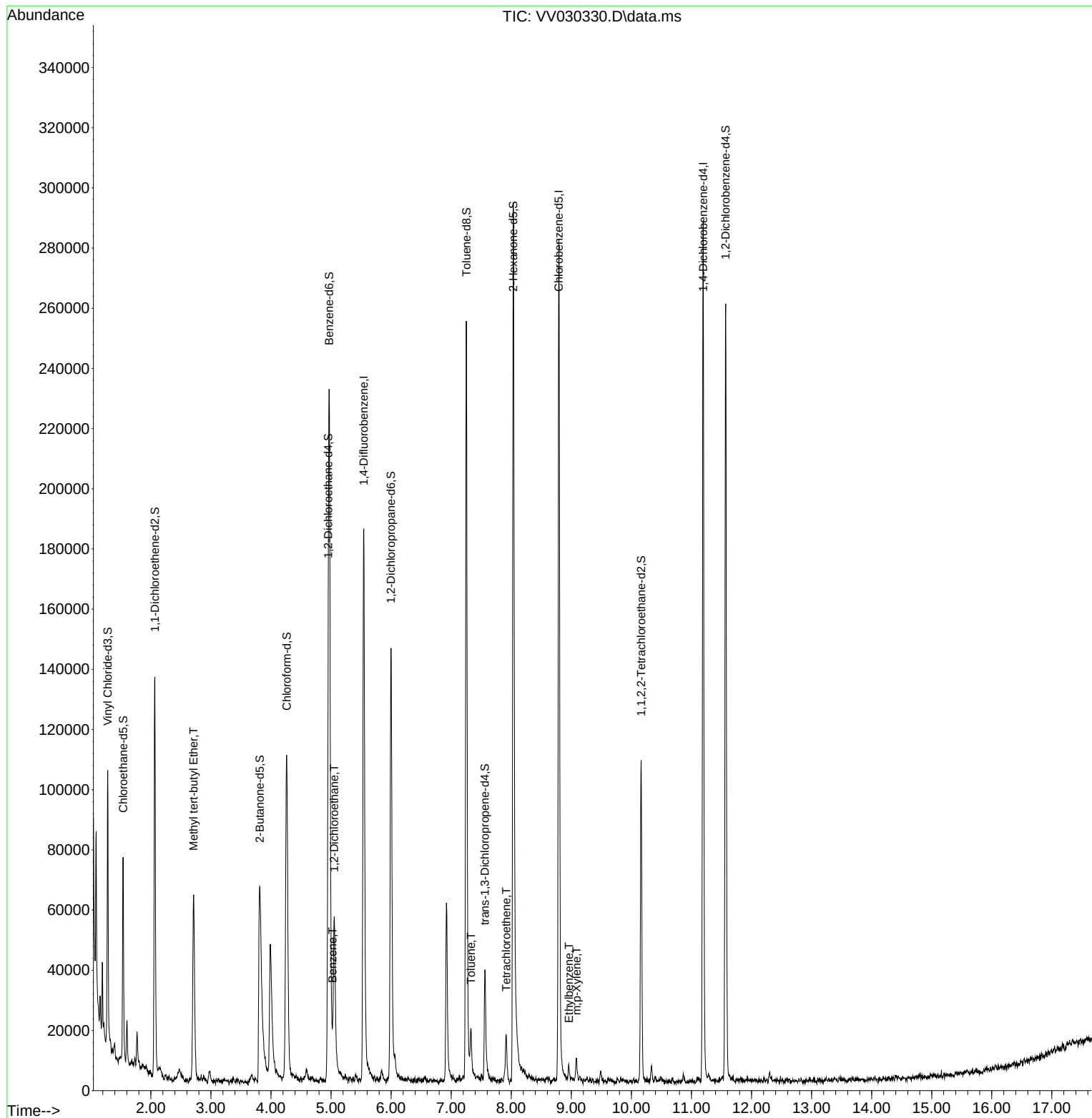
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	158611	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	153428	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	74310	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	43067	4.100	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	82.000%	
7) Chloroethane-d5	1.539	69	43809	4.297	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	86.000%	
11) 1,1-Dichloroethene-d2	2.066	63	71563	2.871	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	57.400%#	
20) 2-Butanone-d5	3.812	46	136489	50.269	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	100.540%	
24) Chloroform-d	4.262	84	115320	4.536	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.800%	
26) 1,2-Dichloroethane-d4	4.953	65	58238	4.855	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.000%	
32) Benzene-d6	4.969	84	204139	4.722	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.400%	
36) 1,2-Dichloropropane-d6	5.998	67	66344	4.901	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.000%	
41) Toluene-d8	7.252	98	167321	4.214	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.200%	
43) trans-1,3-Dichloroprop...	7.561	79	22824	4.479	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.600%	
46) 2-Hexanone-d5	8.034	63	103586	50.583	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	101.160%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	50420	4.726	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.600%	
66) 1,2-Dichlorobenzene-d4	11.570	152	65077	4.900	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.000%	
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	2.712	73	56802	2.024	ug/L	95
27) 1,2-Dichloroethane	5.053	62	47595	2.878	ug/L	99
33) Benzene	5.024	78	8502	0.156	ug/L	100
42) Toluene	7.330	91	10425	0.180	ug/L	96
47) Tetrachloroethene	7.918	164	3476	0.268	ug/L	91
52) Ethylbenzene	8.960	91	2771	0.044	ug/L	98
53) m,p-Xylene	9.088	106	1871	0.077	ug/L	91

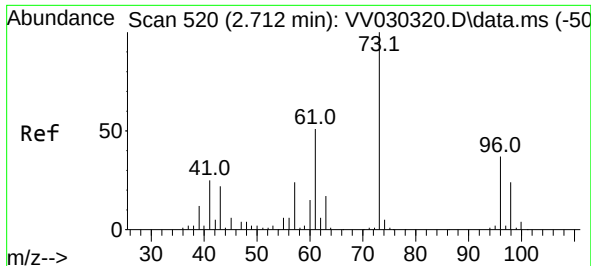
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Methyl tert-butyl Ether

Concen: 2.024 ug/L

RT: 2.712 min Scan# 51

Delta R.T. 0.000 min

Lab File: VV030330.D

Acq: 29 Mar 2023 16:31

Instrument :

MSVOA_V

ClientSampleId :

H0AB1

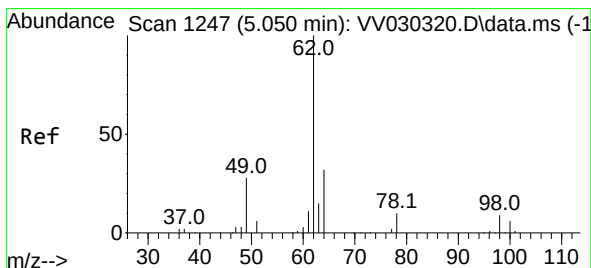
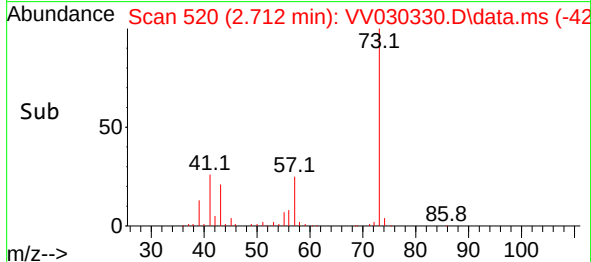
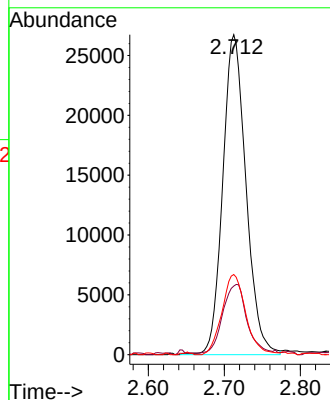
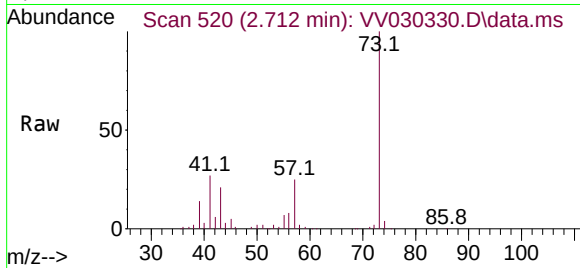
Tgt Ion: 73 Resp: 56802

Ion Ratio Lower Upper

73 100

43 23.6 17.4 26.2

57 25.6 18.3 27.5



#27

1,2-Dichloroethane

Concen: 2.878 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. 0.003 min

Lab File: VV030330.D

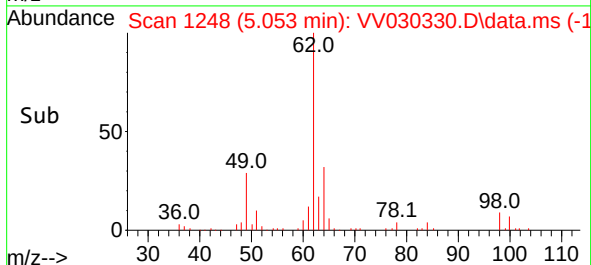
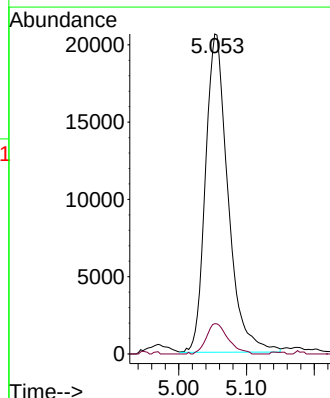
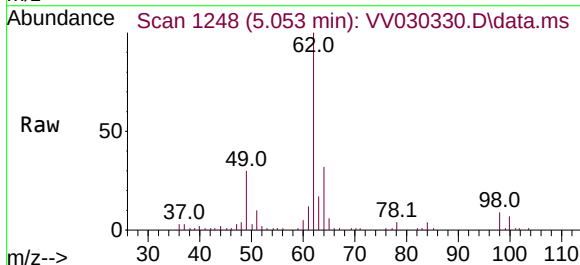
Acq: 29 Mar 2023 16:31

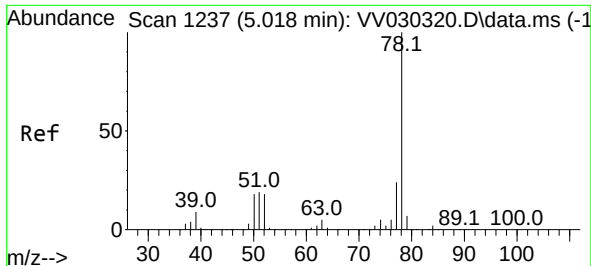
Tgt Ion: 62 Resp: 47595

Ion Ratio Lower Upper

62 100

98 9.4 7.8 11.8

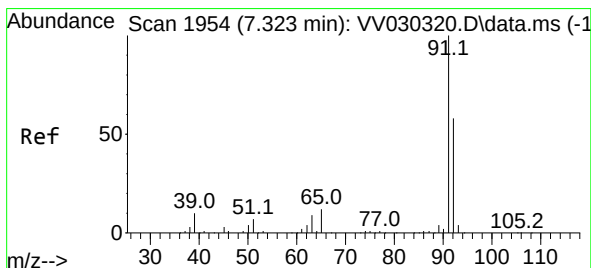
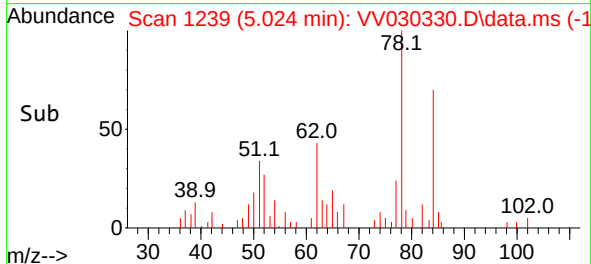
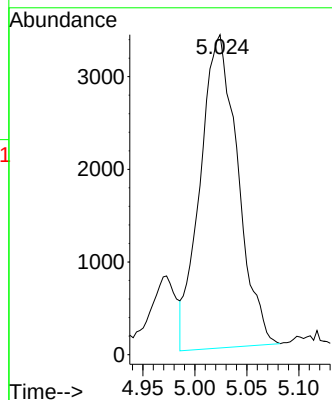
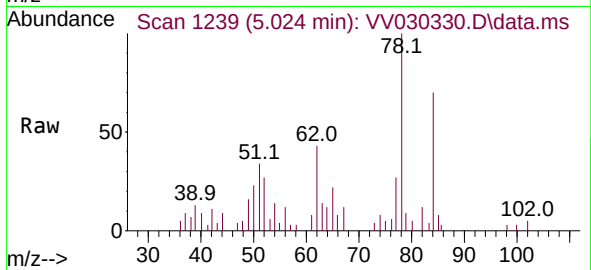




#33
Benzene
Concen: 0.156 ug/L
RT: 5.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV030330.D
Acq: 29 Mar 2023 16:31

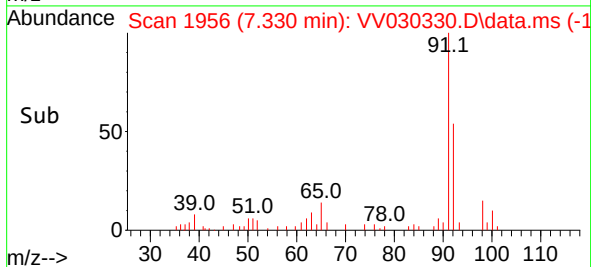
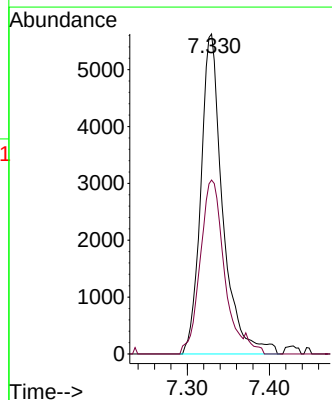
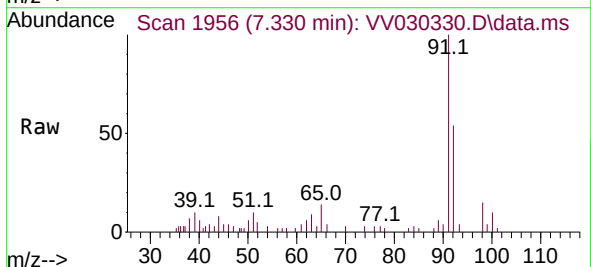
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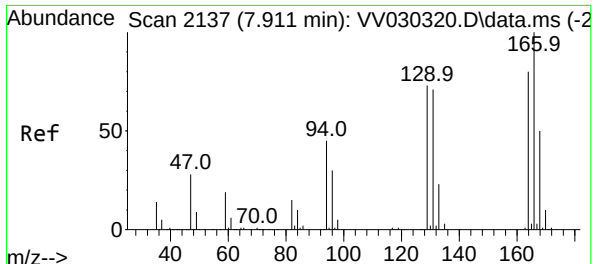
Tgt Ion: 78 Resp: 8502



#42
Toluene
Concen: 0.180 ug/L
RT: 7.330 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VV030330.D
Acq: 29 Mar 2023 16:31

Tgt Ion: 91 Resp: 10425
Ion Ratio Lower Upper
91 100
92 54.4 40.4 75.0





#47

Tetrachloroethene

Concen: 0.268 ug/L

RT: 7.918 min Scan# 2139

Delta R.T. 0.006 min

Lab File: VV030330.D

Acq: 29 Mar 2023 16:31

Instrument :

MSVOA_V

ClientSampleId :

H0AB1

Tgt Ion:164 Resp: 3476

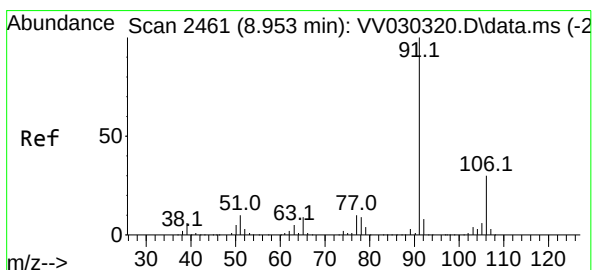
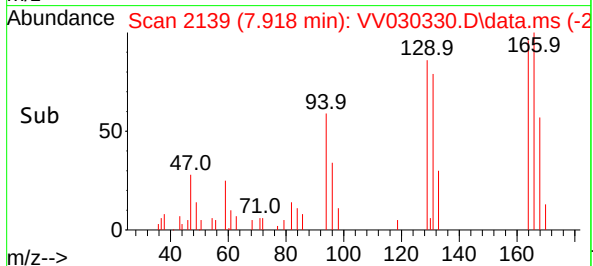
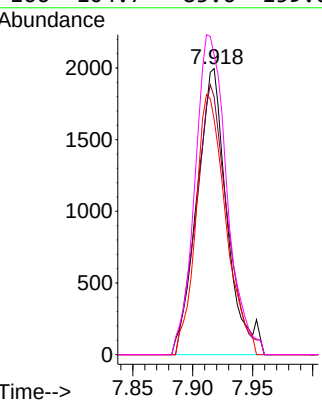
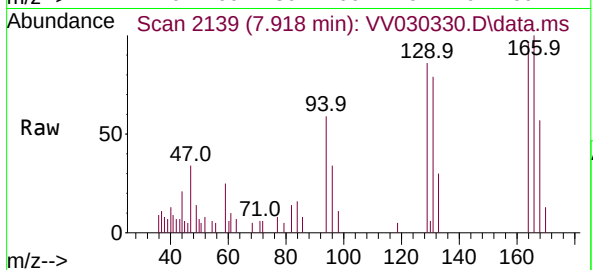
Ion Ratio Lower Upper

164 100

129 90.2 60.8 112.8

131 82.3 61.7 114.7

166 104.7 85.6 159.0



#52

Ethylbenzene

Concen: 0.044 ug/L

RT: 8.960 min Scan# 2463

Delta R.T. 0.006 min

Lab File: VV030330.D

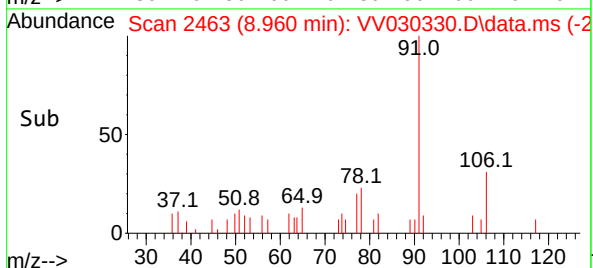
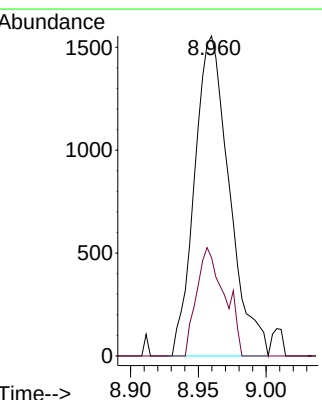
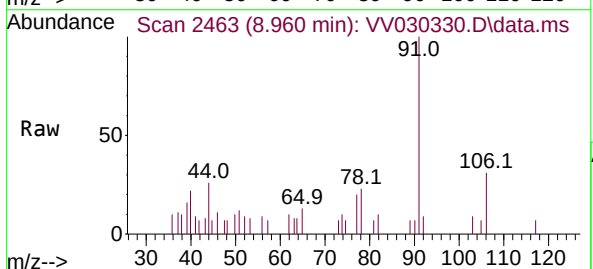
Acq: 29 Mar 2023 16:31

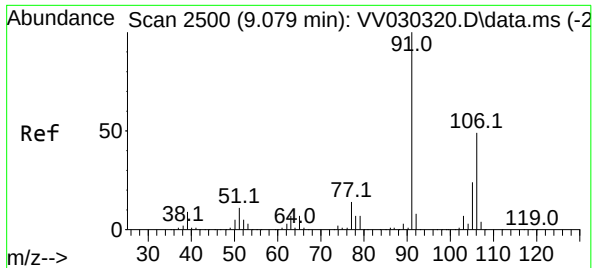
Tgt Ion: 91 Resp: 2771

Ion Ratio Lower Upper

91 100

106 30.7 22.2 41.2





#53
 m,p-Xylene
 Concen: 0.077 ug/L
 RT: 9.088 min Scan# 21
 Delta R.T. 0.010 min
 Lab File: VV030330.D
 Acq: 29 Mar 2023 16:31

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AB1

Tgt Ion:106 Resp: 1871
 Ion Ratio Lower Upper
 106 100
 91 189.6 142.4 264.4

